

Detailed guide: Prevent fish or shellfish diseases

Updated: List updated

Each year thousands of fish and shellfish die from disease. Recovering from an outbreak can take a long time and can be very expensive.

Serious fish and shellfish diseases

You must tell the Fish Health Inspectorate (FHI) if fish or shellfish:

- could be infected with a [serious or notifiable disease](#)
- are dying in larger numbers or dying in a way you haven't seen before

Prevent the spread of disease in fish and shellfish

You can help control the spread of disease if you:

- follow [rules for imports](#)
- perform regular monitoring to spot disease early
- contain outbreaks as quickly as possible
- use good fish husbandry practice
- follow [rules when moving fish](#)

- keep health records using the [Finfish biosecurity logbook](#)
(PDF, 123KB, 7 pages)

- keep medicine records using the [Aquatic animal medicine record book](#)
(PDF, 254KB, 52 pages)

- follow a biosecurity measures plan:
 - [Shellfish biosecurity measures plan](#)
(PDF, 500KB, 28 pages)

 - [Finfish biosecurity measures plan](#)
(PDF, 325KB, 32 pages)

 - [Importer biosecurity measures plan](#)
(PDF, 244KB, 36 pages)

Control areas for notifiable disease outbreaks

If a notifiable disease is found, FHI puts controls in place to limit the spread of disease (these areas are known as confirmed designations).

If your fish or shellfish are in a control area you must:

- comply with any conditions issued by FHI
- get written permission from FHI to move fish or equipment (allow at least 5 working days)

Fish

Maps of areas with controls in place to limit the spread of spring viraemia of carp (SVC):

2017

- [Warwickshire: Arden Lakes](#)
(PDF, 668KB, 3 pages)

Maps of areas with controls in place to limit the spread of koi herpesvirus disease (KHV):

2018

- [Church Lane Lake, Essex – 6 July](#)
(PDF, 416KB, 3 pages)
- [Newstead and Annesley Country Park, Nottingham – 6 July](#)
(PDF, 422KB, 3 pages)
- [Parkers Fishery Pools, West Midland – 6 July](#)
(PDF, 392KB, 3 pages)
- [Mawgan Porth Pools and Lake, Cornwall – 9 July](#)
(MS Word Document, 388KB)
- [Mill Farm Fishery, Hereford – 13 July](#)
(PDF, 403KB, 3 pages)

- [Holme Grange Fishery, Berkshire – 19 July](#)
(PDF, 402KB, 3 pages)
- [Clear Water Fisheries, Lancashire – 24 July](#)
(PDF, 632KB, 3 pages)
- [Trench Pool, Shropshire – 24 July](#)
(PDF, 746KB, 3 pages)
- [Old Hough Fishery, Cheshire – 25 July](#)
(PDF, 384KB, 3 pages)
- [Woodside Fishery, Hereford & Worcester – 31 July](#)
(PDF, 355KB, 3 pages)
- [Coopers Arms, Derby – 1 August](#)
(PDF, 443KB, 3 pages)
- [K Lakes, Skegness – 2 August](#)
(PDF, 368KB, 3 pages)
- [Martham Pits, Norfolk – 3 August](#)
(PDF, 484KB, 3 pages)
- [Ashland Lakes, Buckinghamshire – 7 August](#)
(PDF, 648KB, 4 pages)
- [Shadwell Pool, Greater London – 8 August](#)
(PDF, 707KB, 4 pages)
- [Locklands Lake, Lincoln – 9 August](#)
(PDF, 451KB, 4 pages)

- [Acton Park Lake, Wrexham – 13 August](#)
(PDF, 499KB, 4 pages)
- [Canvey Lake, Essex – 14 August](#)
(PDF, 834KB, 3 pages)
- [Stoneham Lakes, Hampshire – 17 August](#)
(PDF, 449KB, 3 pages)
- [Lakewood Fisheries, Scunthorpe – 29 August](#)
(PDF, 374KB, 3 pages)
- [Middle Pool, Shropshire – 18 September](#)
(PDF, 674KB, 4 pages)
- [Kippax Park, Leeds – 26 September](#)
(PDF, 456KB, 3 pages)
- [Gatton Waters, Norfolk – 28 September](#)
(PDF, 375KB, 3 pages)
- [Watmore Farm Fishery, Hampshire – 2 October](#)
(PDF, 556KB, 3 pages)
- [Orchard Lakes, Hampshire – 3 October](#)
(PDF, 478KB, 3 pages)
- [Broadlands Lake Complex, Hampshire – 5 October](#)
(PDF, 375KB, 3 pages)

2017

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[East Sussex: Swanborough Fishing Lakes](#)

(PDF, 657KB, 3 pages)

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[Surrey: The Lakeside](#)

(PDF, 1010KB, 3 pages)

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[East Yorkshire: Risby Park Fisheries](#)

(PDF, 690KB, 3 pages)

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[Kent: Mansfield Lake](#)

(PDF, 627KB, 3 pages)

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[Staffordshire: Meadows Fishery and Manor Park Fishery](#)

(PDF, 854KB, 3 pages)

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[Lancashire: Bannister House Fishery](#)

(PDF, 764KB, 3 pages)

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[Humberside: Newlake](#)

(PDF, 709KB, 3 pages)

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[West Yorkshire: Tyersal Hall Fishery](#)

(PDF, 636KB, 3 pages)

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[Hertfordshire: Willows Farm Fishery](#)

(PDF, 851KB, 3 pages)

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[East Yorkshire: Sam Hosticks Fisheries](#)

(PDF, 670KB, 3 pages)

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[Lancashire: Cleveley Bridge Fishery Complex](#)

(PDF, 851KB, 3 pages)

- [Kent: Danson Park](#)
(PDF, 1.18MB, 3 pages)
- [Hertfordshire: Frogmore Fishery](#)
(PDF, 728KB, 3 pages)
- [Berkshire: Windsor View Lakes](#)
(PDF, 565KB, 3 pages)
- [Derbyshire: Birch House Lakes](#)
(PDF, 511KB, 3 pages)
- [Shropshire: Monkhall Fishery](#)
(PDF, 460KB, 3 pages)
- [Berkshire: Lea Farm Lakes](#)
(PDF, 791KB, 3 pages)
- [London: Hampstead Heath Ponds](#)
(PDF, 1.83MB, 3 pages)
- [Essex: White Shots Reservoir](#)
(PDF, 662KB, 3 pages)
- [Lancashire: The Cunneries](#)
(PDF, 754KB, 3 pages)
- [Northamptonshire: Boating Lake](#)
(PDF, 1MB, 3 pages)
- [Essex: Cleverley Mere](#)
(PDF, 817KB, 3 pages)

- [Cambridge: Manderson Trust Lakes](#)
(PDF, 618KB, 3 pages)

2016

- [South Yorkshire: Lodge Farm Fisheries](#)
(PDF, 416KB, 3 pages)
- [Staffordshire: Coppice Lane Pools](#)
(PDF, 438KB, 3 pages)

Shellfish

You can use an interactive map ([Desktop](#). [Mobile](#)) to view shellfish disease controls across Great Britain.

Alternatively below are individual maps of control areas of each disease:

Bonamia ostreae

- [Anglesey and Caernarfonshire](#)
(PDF, 1.13MB, 3 pages)
- [Cornwall and Devon](#)
(PDF, 1020KB, 3 pages)
- [Dorset, Hampshire and Sussex](#)
(PDF, 1.16MB, 3 pages)
- [Kent and Essex](#)
(PDF, 1.46MB, 3 pages)
- [Pembrokeshire](#)
(PDF, 1.01MB, 3 pages)

Oyster herpesvirus

- [Essex and Kent](#)
(PDF, 613KB, 3 pages)
- [Poole Harbour Dorset](#)
(PDF, 4.09MB, 3 pages)
- [River Teign, Devon](#)
(PDF, 1.99MB, 3 pages)

Marteilia refringens

- [River Tamar, Cornwall and Devon](#)
(PDF, 385KB, 4 pages)

Contacts

Fish Health Inspectorate

Email

fhi@cefas.co.uk

Monday to Friday, 9am to 5pm
01305 206700

Environment Agency

PO Box 544

Rotherham
Yorkshire
S60 1BY

Email

enquiries@environment-agency.gov.uk

Monday to Friday, 8am to 6pm
0370 8506 506

From outside the UK
+44 1709 389 201

[Detailed guide: Darwin Initiative: Fellowship Awards](#)

Updated: Updated the guidance under the 'How to apply' heading to make it clear applications need to be submitted through the Flexigrant application portal.

Fellowship funding is aimed at building capacity in developing countries.

The Fellowship programme is intended to support Fellows to draw on UK technical and scientific expertise in the fields of biodiversity and sustainable development to broaden their knowledge and experience.

You can read more about a successful fellowship award in this [case study](#).

How to apply

You will need to apply online for Round 25 Darwin Initiative Fellowship projects through the [Flexi grant application portal](#).

Before applying, please read the [Guidance notes for applicants \(round 25\)](#) and the [The Darwin initiative: Fellowship award Flexi-Grant user guide](#).

Once you have read the guidance, complete the Darwin Fellowship Round 25 application form on the [Flexigrant application portal](#). For drafting purposes, you may find the

[Darwin Fellowship Round 25 application form](#)

(MS Word Document, 154KB)

useful.

When to apply

The timetable for Round 25 Darwin Fellowship Awards is set out below:

- application process opens: Tuesday 22 May 2018
- deadline for applications: Tuesday 13 November 2018
- expected notification of successful projects: February 2019
- expected start date for successful projects: From July 2019

Who can apply

Applications for Fellowship funding should come from an organisation (the Lead Organisation) and not an individual. There should be a named individual within the Lead Organisation responsible for the application, called the Project Leader. The host organisation where the individual will carry out the training or research must be in the UK.

The Lead Organisation:

- must have expertise in natural resource management
- can be either a public or private sector organisation
- should provide experts from within the organisation with a proven track record and at the forefront of their discipline(s) to work closely with or supervise the Fellow. This expertise is typically expected to be a minimum of 10 years of relevant experience

Darwin Fellowships will support promising individuals who:

- have a link with a recent or current Darwin Initiative project or
- are currently involved directly in the implementation of the key biodiversity conventions and agreements listed above

Further information is available in the guidance.

Funding available

Eligible costs (depending on the nature of the Fellowship) include a monthly subsistence, Lead organisation expenses, travel costs and fees for academic qualifications. Further information on Darwin Fellowship awards can be found in the Darwin Round 25 Guidance.

Case study

You can read more about a successful fellowship award in this [case study](#).

[Statutory guidance: SR2009 No 8: management of inert wastes and unpolluted soil at mines and quarries](#)

Updated: Added to 'details' section: You can apply online for most standard rules environmental permits.

Standard rules guidance to allow the operator to undertake mining waste operations in respect of inert extractive waste and unpolluted soil on the site of a mine or quarry.

These rules do not allow any point source emissions to air, water or land from the mining waste operations.

You can apply online for most standard rules environmental permits.

[Apply for a standard rules environmental permit.](#)

Detailed guide: Information to help boaters on the River Wye

Updated: Update to both upstream and downstream access information

The River Wye is 251km long. It drains a catchment containing a rich and varied landscape spanning the Welsh and English borders. It rises in the uplands of mid Wales, flowing past the towns of Rhayader, Builth Wells, Hay-on-Wye, Hereford, Ross-on-Wye and Monmouth, entering the Severn Estuary at Chepstow.

The Environment Agency is the navigation authority for the River Wye, from Hay to Bigsweir Bridge. Navigation on the tidal Wye, below Bigsweir, is the responsibility of [Gloucester Harbour Trustees](#).

The Wye Navigation Advisory Committee meets in spring and autumn, helping to maintain sustainable recreation and navigation on the River Wye.

For details of the committee and a copy of approved minutes, please email we-navigation@environment-agency.gov.uk.

River access for boaters

Boaters have confirmed legal access on the River Wye between Hay-on-Wye and Chepstow (where the River Wye enters the Severn Estuary). Upstream of Hay-on-Wye there are a number of negotiated access points.

Access upstream of Hay Bridge

- there is no confirmed legal right of navigation upstream of Hay Bridge
- access to navigate the upper Wye is disputed
- there are two arrangements to help facilitate shared access and river use between anglers and paddlers; please refer to the [Wye & Usk Foundation](#) website and the [Canoe Wye](#) website for further details

- much of the upper Wye isn't recommended for beginners, or boaters who don't have considerable experience of white water; please read the available guides before paddling
- it is recommended that you check and if necessary obtain permission from the owner(s) of the riverbed along your route before you access the river

Access downstream of Hay Bridge

- the public right of navigation doesn't give an absolute right of access to the river bank downstream of Hay Bridge, except in an emergency, or to prevent one
- other than at accepted public sites or where there is public access to the river bank, you should get permission from the owner of the riverbank/surrounding land before you launch or land your boat
- any use of the banks must be not only incidental to your navigation, but also reasonable and considerate to the needs of landowners and other users
- permission is needed to camp or picnic on the banks or neighbouring fields

River Wye event calendar 2018

There may be river restrictions around each event.

If you are participating in an event make sure you're aware of the [Wye Code of Conduct](#); a guide to using the river without reducing the enjoyment of others or damaging the environment:

Date	Event	Organiser
Sunday 16 September	A Trust Riverfest Qualifier – all waters	Hereford and District Angling Association
Sunday 23 September	Monmouth Autumn Head at Monmouth Rowing Club	Monmouth Rowing Club
Sunday 23 September	Wild Wye Swim – Lydbrook to Symonds Yat	Severn Area Rescue Association
Sunday 30 September	J Burrows Charity Match – all club waters	Hereford and District Angling Association
Sunday 7 October	Winter League – Belmont	Hereford and District Angling Association
Friday 12 October	Under 25's 2 Day Festival	Hereford and District Angling Association
Saturday 13 October	Under 25's 2 Day Festival	Hereford and District Angling Association
Saturday 13 October	Slalom at Symonds Yat rapids	Cheltenham Canoe Club
Sunday 14 October	Slalom at Symonds Yat rapids	Cheltenham Canoe Club
Sunday 28 October	56th Wye Championship on River Wye at all club waters	Hereford and District Angling Association

Date	Event	Organiser
Sunday 4 November	Winter League – Belmont	Hereford and District Angling Association
Monday 5 November	Bonfire and Fireworks night at Monmouth Rowing Club	Rotary Club of Monmouth
Wednesday 7 November	Hereford 3 Day Festival – Belmont	Hereford and District Angling Association
Thursday 8 November	Hereford 3 Day Festival – Belmont	Hereford and District Angling Association
Friday 9 November	Hereford 3 Day Festival – Belmont	Hereford and District Angling Association
Saturday 17 November	Angling Trust Riverfest Final – Belmont	Hereford and District Angling Association
Sunday 18 November	Angling Trust Riverfest Final – Belmont	Hereford and District Angling Association
Saturday 24 November	Angling Trust Riverfest Final – Belmont (reserve date)	Hereford and District Angling Association
Sunday 25 November	Angling Trust Riverfest Final – Belmont (reserve date)	Hereford and District Angling Association
Sunday 9 December	Monmouth Winter Head at Monmouth Rowing Club	Monmouth Rowing Club
Sunday 2 December	Winter League at Belmont	Hereford and District Angling Association
Sunday 16 December	Winter League at Belmont	Hereford and District Angling Association

If you are planning an event or know of an event which isn't on the Environment Agency calendar, please email we-navigation@environment-agency.gov.uk.

If you would like more information about an event please contact the event organiser:

Organisation	Contact	email
Canoe Camping Club	Tim Wheeler, 01302 851316 / 07528 373387	holidaymeet@canoecampingclub.co.uk
Cheltenham Canoe Club	Alison Longhurst	yatslalom@cheltenhamcanoecub.com
Committee for Herefordshire Amateur Rafters	Mrs P C Hales, 07977 388120	phales@horizontraining.org.uk
Hereford and District Angling Association	John Pembridge, 01432 359 701	johnpembridge@talktalk.net
Hereford Kayak Club	Tony Spencer or Andrew Wibmer	spencertony1951@gmail.com andrewwibmer@hotmail.com
Hereford River Carnival	Mrs P C Hales, 07977 388120	phales@horizontraining.org.uk

Organisation	Contact	email
Hereford Rowing Club	01432 273915	hrcsecretary@btconnect.com
Leicester Outdoor Pursuits Centre	Andy Oughton, 07929 196 569	andy@soarpaddler.co.uk
Madsat Raft Race	Madsat Raft Team, 07935 204176	
Monmouth Rowing Club	Eric Froggatt, 01600 772799 or 07810 483466	regatta@monmouthrc.org.uk
Monmouth School Sports Club	Iain MacDonald	I.MacDonald@monmouthschool.org
Monmouth Triathlon Club	Richard Newhouse, 07584 287887	richardnewhouse42@gmail.com
Open Canoe Association	Andy Oughton, 07929 196569	andy@soarpaddler.co.uk
PaddlePlus Canoe Club	Andy Oughton, 07929 196 569	andy@soarpaddler.co.uk
Ross Rowing Club	Niki Ryan	chairman@crossrowingclub.co.uk
Rotary Club of Monmouth	Contact for Walk the Wye and Bonfire and Fireworks – Norman Williams, 01291 680 016. Contact for Monmouth Raft Race – David Forbes, 01600 712 665	monmouthrotaryclub@gmail.com or monmouthrafttrace@sky.com
Severn Area Rescue Association, Wild Wye Swim	Richard Newhouse, 07584 287887	richardnewhouse42@gmail.com
Wye Float 2018	Matthew Taylor, 07784 281525	wyefloat@gmail.com

Canoe facilities

To help you plan and enjoy your canoe trip on the River Wye the Environment Agency produced a detailed guide to the River Wye, [Canoeists' guide to the River Wye](#) or you can buy a hard copy online or in bookshops near the River Wye. Updates for the 2009 and 2011 editions of the canoeists guide are available online [Updates to Canoeists' guide to the River Wye, July 2012](#)

The guide contains practical information to help plan your journey, featuring:

- a series of 12 maps, based on Ordnance Survey data
- navigation and recreational advice

- health and safety guidelines
- where you can launch and land
- river grades for the Wye
- tourist information on local parking, refreshments, camping, useful addresses and telephone numbers
- Code of Conduct for the River Wye

The Environment Agency are indebted to Ron and Ruth Shoesmith who wrote previous editions of this guide and to the late Allen Greenhill who was the co-author of the first edition in 1968 and the inspiration behind its publication. The Environment Agency would also like to thank the local access officers of the British Canoe Union and the Welsh Canoeing Association, who provided advice on the contents of this guide.

Every effort has been made to ensure that the information contained in this guide is accurate. No liability can be accepted for any errors, inaccuracies or omissions. In particular, readers should note that details such as land ownership, camp sites and landing places can change

[Detailed guide: Packaging waste: become a packaging producer compliance scheme \(PCS\)](#)

Updated: Added link to the Environment Agency 2018 monitoring plan.

PCSs provide a service for packaging producers. The producers join a scheme as members. For a charge, the PCS takes on their packaging producer legal obligations.

Packaging PCS: apply for approval

If your business is in England you need to contact the [Environment Agency](#) to apply for approval to operate a PCS.

If your business is in:

- Wales, [Natural Resources Wales](#) approves
- Scotland, the [Scottish Environment Protection Agency](#) approves
- Northern Ireland, the [Northern Ireland Environment Agency](#) approves

Approved or appropriate person

You must be an approved or appropriate person to:

- sign applications for PCS approval and registration
- submit data and declaration of compliance statements

The approved or appropriate person must be one of these legal entities:

- a director or company secretary of a company registered in the UK
- a partner in a partnership
- an individual operating as a sole trader
- a person who has control or management of the business

Use the [delegation of approved/appropriate person form](#) if you want to delegate your function to another person. Sign the form and send it to your [environmental regulator](#).

PCS registration

Once approved you need to get an account set up on the National Packaging Waste Database (NPWD) so you can register your PCS.

If your business is in England email packaging@environment-agency.gov.uk to get a login.

If your business is in Wales, Scotland or Northern Ireland you need to ask for a login from your relevant [environmental regulator](#).

You must:

- register your PCS and members details in NPWD by 15 April each year
- provide full details of the agreement for the constitution of the PCS including any rules or regulations the members must follow
- provide a statement of the PCS policies, which should include:
 - details of the steps it will take to increase the use of recycled packaging waste in the manufacture of products or materials supplied by its members
 - the methods by which packaging waste will be recovered and recycled through the scheme
 - information about the steps the user or consumer may take to help the PCS apply these methods
 - pay the appropriate [fee](#)

When you submit your registration the relevant environmental regulator will assess your application. They may ask you for more information. You will be notified of the decision within 28 days.

Conditions of the approval

To get your PCS approved and to maintain your approval, you must:

- complete the registration template provided by your environmental regulator
- ensure all of your members' data is correct
- provide resources to your members so they can meet their Consumer

Information Obligation (CIO), including access to information on their role in reuse, recycling and recovery of packaging and packaging waste; return, collection and recovery systems; the meaning of recycling and recovery symbols and the latest waste strategy guidance

- meet your members' recycling and recovery obligations
- ensure you have acquired sufficient electronic packaging recovery notes (ePRNs) and electronic packaging export recovery notes (ePERNs) to meet your members recycling and recovery targets
- submit a yearly statement of compliance confirming how you've met your member's obligations and CIO
- keep records for 4 years

Penalties for non-compliance

You must comply with the conditions of approval of your registration.

If you don't, your environmental regulator may withdraw your approval and cancel your registration.

See the [Environment Agency monitoring plan](#) which sets out how they'll check businesses are complying each year.

If you fail to comply you may face prosecution under criminal law. In England and Wales there are also civil penalties available. These include:

- fixed penalty fines for minor offences
- higher fines for a more serious offence
- an enforcement undertaking – an offer, formally accepted by your [environmental regulator](#) that redresses the impact of your non-compliance

Contact the environmental regulators

England

Telephone: 03708 506 506

Email: packaging@environment-agency.gov.uk

Producer Responsibility Regulatory Services (PRRS)

Environment Agency

Quadrant 2

99 Parkway Avenue

Parkway Business Park

Sheffield

S9 4WF

Wales

Telephone: 0300 065 3096

Email: packaging@naturalresourceswales.gov.uk

Producer Responsibility Unit

Natural Resources Wales

Rivers House

St Mellons Business Park

St Mellons

Cardiff

CF3 0EY

Scotland

Email: producer.responsibility@sepa.org.uk

Telephone: 07786 457700

Scottish Environment Protection Agency (SEPA)

Producer Compliance and Waste Shipment Unit

Strathallan House

Castle Business Park

Stirling

FK9 4TZ

Northern Ireland

Telephone: 028 9056 9387

Email: packaging@daera-ni.gov.uk

Producer Responsibility Unit

Northern Ireland Environment Agency

Klondyke Building

Cromac Avenue

Gasworks Business Park

Lower Ormeau Road

Belfast

BT7 2JA

Legislation and regulations

See packaging and packaging waste legislation and regulations:

- [Packaging and Packaging Waste European Directive \(94/62/EC\)](#)
- [Producer Responsibility Obligations \(Packaging Waste\) Regulations 2007](#)
- [Producer Responsibility Obligations \(Packaging Waste\) \(Amendment\) Regulations 2008](#)
- [Producer Responsibility Obligations \(Packaging Waste\) \(Amendment No. 2\) Regulations 2008](#)
- [Producer Responsibility Obligations \(Packaging Waste\) \(Amendment\) Regulations 2010](#)
- [Producer Responsibility Obligations \(Packaging Waste\) \(Amendment\) Regulations 2012](#)
- [Producer Responsibility Obligations \(Packaging Waste\) \(Amendment\) Regulations 2013](#)
- [Producer Responsibility Obligations \(Packaging Waste\) \(Miscellaneous Amendments\) Regulations 2016](#)
- [Packaging \(Essential Requirements\) Regulations](#)